

Amendments to the Claims

1 Claim 1 (currently amended): A method for displaying data for selection by a user, comprising  
2 steps of:

3 providing a plurality of name pairs, each of the name pairs comprising a name key and an  
4 associated name value;

5 providing a plurality of string pairs, each of the string pairs comprising a string key and  
6 an associated string value;

7 providing a plurality of key pairs, each of the key pairs comprising a first key and a  
8 second key, each of the first keys pointing to one of the name keys and each of the second keys  
9 pointing to one of the string keys, such that the name value associated with the pointed-to name  
10 key is thus associated with the string value associated with the pointed-to string key; and

11 ~~providing a data structure comprising a set of first objects with each first object having an~~  
12 ~~associated first string key, a set of second objects with each second object having an associated~~  
13 ~~second string key, and a set of key pairs defining a one-to-one relationship between the first~~  
14 ~~string keys and the second string keys;~~

15 accessing the string value associated with a selected name value by using a particular one  
16 of the key pairs, wherein the first key in the particular one of the key pairs points to the name key  
17 with which the selected name value is associated and the second key in the particular one of the  
18 key pairs points to the string key with which the string value to be accessed is associated.

19 ~~displaying a user interface having a first interactive panel and a second interactive panel;~~

20 ~~presenting within the first interactive panel, for selection by a user, the set of first objects;~~

21 ~~responsive to selection of a first item from the set of first objects, introspecting through~~

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22 the set of key pairs to locate a selected one of the second objects which corresponds to the  
23 selected first item; and  
24 displaying the located second object within the second panel of the user interface.

1 Claim 2 (currently amended): The method according to Claim [[1]] 23, wherein the first item  
2 selected name value is displayed as a graphical icon.

1 Claim 3 (currently amended): The method according to Claim [[1]] 23, wherein the first item  
2 selected name value is displayed as a text string.

1 Claim 4 (currently amended): The method according to Claim [[1]] 23, wherein the set of first  
2 objects displayed portion is displayed as an ordered list.

1 Claim 5 (original): The method according to Claim 4, wherein the ordered list is an outline.

1 Claim 6 (original): The method according to Claim 4, wherein the ordered list is an ordered tree.

1 Claim 7 (currently amended): The method according to Claim [[1]] 23, wherein the located  
2 string value ~~second object~~ is a text string.

1 Claim 8 (currently amended): The method according to Claim [[1]] 23, wherein the data  
2 structure is plurality of name pairs and the plurality of string pairs are stored as a resource

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3 bundle.

1 Claim 9 (original): The method according to Claim 8, wherein the resource bundle is a Java  
2 ListResourceBundle.

1 Claim 10 (currently amended): A method for displaying textual help information through a  
2 graphical user interface ("GUI") to a user, comprising steps of:

3 providing a data structure comprising (i) a first array containing topic pairs, each of the  
4 topic pairs comprising a [[of (i)]] topic key strings and [[(ii)]] an associated topic text strings  
5 string and (ii) a second array containing text pairs, each of the text pairs comprising a of (i) help  
6 text key strings and (ii) help an associated text information string;

7 providing a plurality of key pairs, each of the key pairs comprising a first key and a  
8 second key, each of the first keys pointing to one of the topic keys and each of the second keys  
9 pointing to one of the text keys, the data structure further comprising a second array containing  
10 pairs of topic key strings and help text key strings, wherein a one-to-one relationship is  
11 established between such that the topic text string associated with the pointed-to [[the]] topic key  
12 strings key is thus associated with [[and]] the [[help]] text key strings string associated with the  
13 pointed-to text key;

14 displaying through the GUI a window having a first interactive panel and a second  
15 interactive panel;

16 presenting displaying within the first interactive panel, for selection by the user, at least a  
17 [[list]] portion of the topic text strings;

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responsive to selection of a particular topic text string from the [[list]] displayed portion,  
introspecting through the second array plurality of key pairs to locate the [[help]] text  
information string associated with corresponding to the selected topic text string; and  
displaying the located [[help]] text information string within the second interactive panel  
of the user interface.

Claim 11 (original): The method according to Claim 10, wherein the data structure is a Java  
ListResourceBundle.

Claim 12 (currently amended): A computer program product for accessing textual data, the  
computer program product embodied on one or more computer-readable media and comprising:  
computer-readable program code means for encapsulating a data structure comprising (i)  
a set of topic pairs, each of the topic pairs comprising a topic key and an associated topic text  
string and (ii) a set of text pairs, each of the text pairs comprising a text key and an associated  
text string first objects with each first object having an associated first string key, a set of second  
objects with each second object having an associated second string key, and  
computer-readable program code means for providing a set of key pairs defining a one-to-  
one relationship between the first string keys and the second string keys, each of the key pairs  
comprising a first key and a second key, each of the first keys pointing to one of the topic keys  
and each of the second keys pointing to one of the text keys, such that the topic text string  
associated with the pointed-to topic key is thus associated with the text string associated with the  
pointed-to text key;

14 computer-readable program code means for retrieving the set of key pairs through  
15 introspection;

16 computer-readable program code means for displaying a user interface having a first  
17 interactive panel and a second interactive panel;

18 computer-readable program code means for presenting displaying within the first  
19 interactive panel, for selection by a user, at least a portion of the set of first objects topic text  
20 strings;

21 computer-readable program code means, responsive to selection of a [[first]] particular  
22 one of the presented objects displayed topic text strings by the user, for introspecting through the  
23 set of key pairs to locate locating the text string associated therewith using the retrieved set of  
24 key pairs second string key identifying the second object corresponding to the selected first  
25 object;

26 computer-readable program code means for retrieving, from the data structure, the second  
27 object identified by the located second string key; and

28 computer-readable program code means for displaying the retrieved second located text  
29 string object within the second interactive panel of the user interface.

1 Claim 13 (original): The computer program product according to Claim 12, wherein the data  
2 structure is a Java ListResourceBundle.

Claims 14 - 15 (canceled)

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1 Claim 16 (currently amended): A system for displaying data for selection by a user, comprising:

2 means for providing a data structure comprising (i) a set of topic pairs, each of the topic  
3 pairs comprising a topic key and an associated topic text string and (ii) a set of text pairs, each of  
4 the text pairs comprising a text key and an associated text string ~~first objects with each first~~  
5 ~~object having an associated first string key, a set of second objects with each second object~~  
6 ~~having an associated second string key, and~~

7 means for providing a set of key pairs defining a one-to-one relationship between the first  
8 string keys and the second string keys, each of the key pairs comprising a first key and a second  
9 key, each of the first keys pointing to one of the topic keys and each of the second keys pointing  
10 to one of the text keys, such that the topic text string associated with the pointed-to topic key is  
11 thus associated with the text string associated with the pointed-to text key;

12 means for displaying a user interface having a first interactive panel and a second  
13 interactive panel;

14 means for ~~presenting~~ displaying within the first interactive panel, for selection by a user,  
15 at least a portion of the set of first objects topic text strings;

16 responsive to selection of a ~~first item~~ particular one of the displayed topic text strings by  
17 the user from the presented set, means for introspecting through the set of key pairs to locate the  
18 text string associated therewith ~~second object corresponding to the selected first item;~~ and

19 means for displaying the located text string ~~second object~~ within the second interactive  
20 ~~panel of the user interface.~~

1 Claim 17 (currently amended): The system according to Claim 16, wherein the first item

2 selected particular one is displayed as a graphical icon.

1 Claim 18 (currently amended): The system according to Claim 16, wherein the ~~first item~~  
2 selected particular one is displayed as a text string.

1 Claim 19 (currently amended): The system according to Claim 16, wherein the ~~set of first~~  
2 objects displayed portion is displayed as one of (1) an ordered list or (2) an ordered tree.

1 Claim 20 (original): The system according to Claim 19, wherein the ordered list is an outline.

1 Claim 21 (currently amended) : The system according to Claim 16, wherein the located ~~second~~  
2 object text string is a help text string.

1 Claim 22 (original): The system according to Claim 16, wherein the data structure is a Java  
2 ListResourceBundle.

1 Claim 23 (new): The method according to Claim 1, wherein the accessing step further comprises  
2 the steps of:

3 displaying a user interface having a first interactive panel and a second interactive panel;

4 displaying within the first interactive panel, for selection by a user, at least a portion of

5 the name values;

6 responsive to selection of the selected name value from the displayed portion,

7 introspecting through the plurality of key pairs to locate the string value to be accessed; and  
8 displaying the located string value within the second interactive panel of the user  
9 interface.

1 Claim 24 (new): The method according to Claim 1, wherein each of the first keys is identical to  
2 its pointed-to name key and each of the second keys is identical to its pointed-to string key.